

C L A I M S

1. Rescue arrangement for effecting a rapid descent from a higher level, more specifically from an elevated structure (1), to a lower level, the rescue arrangement comprising:

- guiding means (2) which substantially extend between the higher level and the lower level,

- carrying means (7, 8, 9) which are connectable with the guiding means (2) for carrying an object, in particular a person, from the higher level to the lower level via the guiding means (2),

- first braking means (10) located at the guiding means (2) near the lower level for slowing down and/or stopping the carrying means (7) near the lower level,

characterized in that the guiding means (2) comprise at least two substantially parallel tracks, wherein the carrying means (7, 8, 9) are adapted to be connected to at least two of the tracks.

2. Rescue arrangement according to claim 1, **characterized in that** the parallel tracks are formed by cables (2) which are secured at the higher level and at the lower level.

3. Rescue arrangement according to claim 1, **characterized in that** the parallel tracks are formed by rods or bars which are secured at the higher level and at the lower level.

4. Rescue arrangement according to any of the preceding claims, **characterized in that** the arrangement further is adapted for automatically releasing the carrying means (7, 8, 9) from the guiding means (2) at the lower level.

5. Rescue arrangement according to claim 4, **characterized in that** it comprises release means for automatically releasing the carrying means (7, 8, 9) from the guiding means (2) at the lower level.

6. Rescue arrangement according to any of the preceding claims, **characterized in that** the arrangement comprises means for moving the object away from the guiding means after the carrying means (7, 8, 9)

have been released from the guiding means (2) or the object has been released from the carrying means (7, 8, 9).

7. Rescue arrangement for effecting a rapid descent from a higher level, more specifically from an elevated structure (1), to a lower level, the rescue arrangement comprising:

- guiding means (2) which substantially extend between the higher level and the lower level,

- carrying means (7, 8, 9) which are connectable with the guiding means (2) for carrying an object, in particular a person, from the higher level to the lower level via the guiding means (2),

- first braking means (10) located at the guiding means (2) near the lower level for slowing down and/or stopping the carrying means (7, 8, 9) near the lower level,

characterized in that the arrangement is adapted for automatically releasing the carrying means (7, 8, 9) from the guiding means (2) at the lower level.

8. Rescue arrangement according to claim 7, **characterized in that** it comprises release means for automatically releasing the carrying means (7, 8, 9) from the guiding means (2) at the lower level.

9. Rescue arrangement according to claim 7 or 8, **characterized in that** the arrangement comprises means for moving the object away automatically from the guiding means (2) after the carrying means (7, 8, 9) have been released from the guiding means (2) or the object has been released from the carrying means (7, 8, 9).

10. Rescue arrangement according to any of the preceding claims, **characterized in that** the first braking means (10) comprise magnetic means for exerting a braking force on the carrying means (7, 8, 9).

11. Rescue arrangement for effecting a rapid descent from a higher level, more specifically from an elevated structure (1), to a lower level, the rescue arrangement comprising:

- guiding means (2) which substantially extend between the higher level and the lower level,

- carrying means (7, 8, 9) which are connectable with the guiding means (2) for carrying an object, in particular a person, from the higher level to the lower level via the guiding means (2),

5 - first braking means (10) located at the guiding means (2) near the lower level for slowing down and/or stopping the carrying means (7, 8, 9) near the lower level,

- **characterized in that** arrangement comprises means (18) for moving the object away automatically from the guiding means (2) after the carrying means (7, 8, 9) have been released from the guiding
10 means (2) or the object is released from the carrying means (7, 8, 9).

12. Rescue arrangement for effecting a rapid descent from a higher level, more specifically from an elevated structure (1), to a lower
15 level, the rescue arrangement comprising:

- guiding means (2) which substantially extend between the higher level and the lower level,

- carrying means (7, 8, 9) which are connectable with the guiding means (2) for carrying an object, in particular a person,
20 from the higher level to the lower level via the guiding means (2),

- first braking means (10) located at the guiding means (2) near the lower level for slowing down and/or stopping the carrying means (7, 8, 9) near the lower level,

characterized in that the first braking means (10) comprise
25 magnetic means for exerting a braking force on the carrying means (7, 8, 9).

13. Rescue arrangement according to any of the preceding claims,
characterized in that second braking means are provided between the
30 higher level and the first braking means (10).

14. Rescue arrangement according to claim 13, **characterized in that** the second braking means comprise magnetic means for exerting a braking force on the carrying means (7, 8, 9).

35

15. Rescue arrangement according to any of the preceding claims, **characterized in that** the guiding means (2) at the lower level are secured to a fire truck.

16. Rescue arrangement according to any of the preceding claims, **characterized in that** the first braking means (10) are provided on a fire truck.

5

17. Rescue arrangement according to claim 2, **characterized in that** the arrangement comprises tensioning means for tensioning the cables.

18. Rescue arrangement according to claim 17, **characterized in that**
10 the tensioning means are provided on a fire truck.

19. Rescue arrangement according to any of the preceding claims, **characterized in that** the carrying means (7, 8, 9) comprise a harness (7) which is adapted to carry a person.